

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 28110/35918

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Box Patent Application

*Assistant Commissioner for Patents
Washington, D.C. 20231*

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Radoje Drmanac, Snezana Drmanac, David Kita, Cory Cooke, and Chongjun Xu

Title: ENHANCED SEQUENCING BY HYBRIDIZATION USING POOLS OF PROBES

1. Type of Application

- ☒ This is a new application for a
☒ utility patent.
☐ design patent.

☐ This is a continuation-in-part application of prior application no. _____

2. Application Papers Enclosed

- | | |
|-------------------------------------|--|
| 1 | Title Page |
| 70 | Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing) |
| 8 | Page(s) of Claims |
| 1 | Page(s) of Abstract |
| 4 | Sheet(s) of Drawings (Figs. 1 to 4) |
| <input type="checkbox"/> | Formal |
| <input checked="" type="checkbox"/> | Informal |
| 113 | Page(s) of Appendix |
| 0 | Page(s) of Sequence Listing |

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **January 6, 2000**, in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EM362733110US.


Joseph A. Williams, Jr.

3. Declaration or Oath

- ☐ Enclosed
 - ☐ Executed by (check all applicable boxes)
 - ☐ Inventor(s)
 - ☐ Legal representative of inventor(s)
(37 CFR 1.42 or 1.43)
 - ☐ Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached
 - ☐ The petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 are enclosed. See Item 5D below for fee.
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Additional Papers Enclosed

- ☐ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☐ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☐ Microfiche computer program
- ☐ Verified statement(s) claiming small entity status under 37 CFR 1.9 and 1.27
- ☐ Associate Power of Attorney
- ☐ Verified translation of a non-English patent application
- ☐ An assignment of the invention
- ☒ Return receipt postcard
- ☐ Other

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- ☐ are attached.
- ☐ will follow.

6. Filing Fee Calculation (37 CFR 1.16)

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$345.00		\$690.00
TOTAL	40-20	= 20	X 9 =	\$180.00	X 18 =	\$
INDEP.	5- 3	= 2	X 39 =	\$78.00	X 78 =	\$
<input checked="" type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 130 =	\$130.00	+ 260 =	\$
Filing Fee:				\$733.00	OR	\$

- Total Fees Enclosed** \$ _____

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- ## 8. Deposit Account and Refund Authorization

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

Respectfully submitted,

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By:

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January 6, 2000